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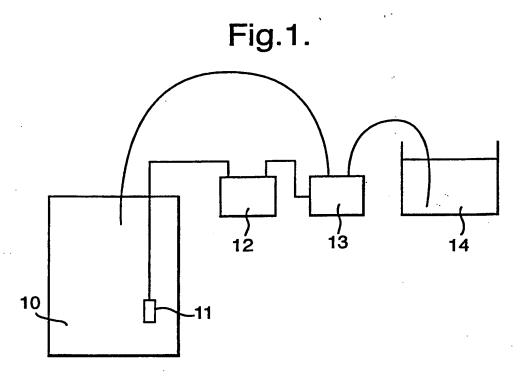
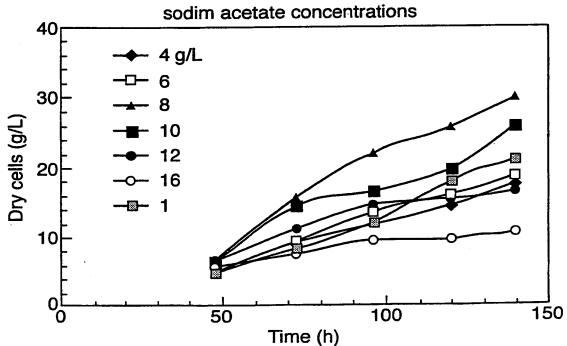


Fig. 10. Cultivation of C. cohnii ATCC 30772 on various



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Fig.2.

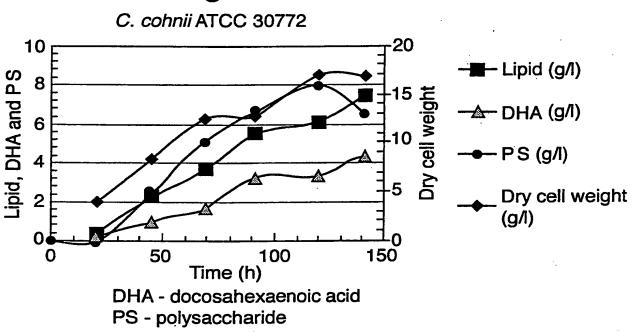
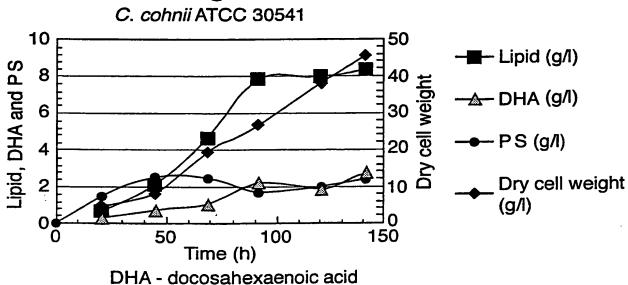


Fig.3.



DHA - docosahexaenoic acid PS - polysaccharide

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Fig.4.

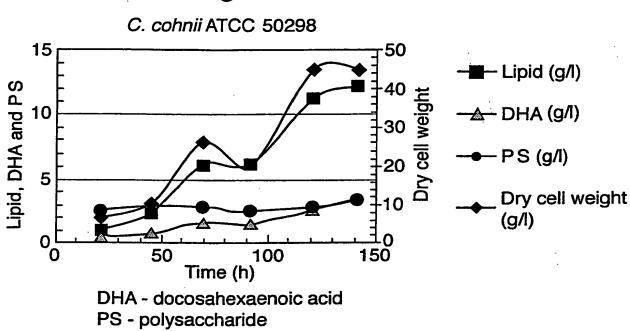
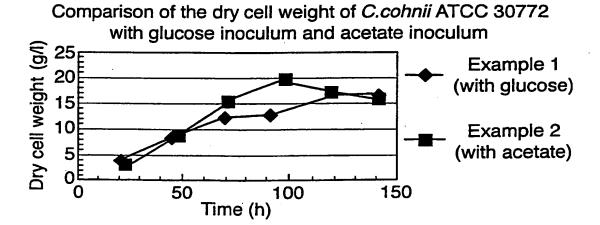


Fig.5.



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Fig.6.

Comparison of the lipid production of *C. cohnii* ATCC 30772
with glucose inoculum and acetate inoculum

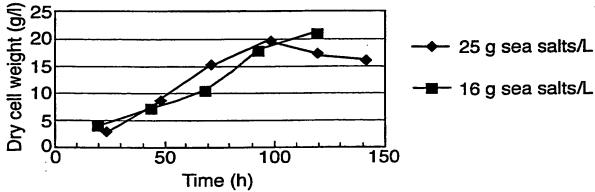
Example 1
(with glucose)

Example 2
(with acetate)

Time (h)

Fig.7.

Compatison of the dry cell weight *C. cohnii* ATCC 30772 on 25 g sea salts/L medium with 16 g sea salts/L medium



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Fig.8.

Comparison of the lipid production of C. cohnii ATC 30772 on 25 g sea salts/L medium with 16 g sea salts/ L medium

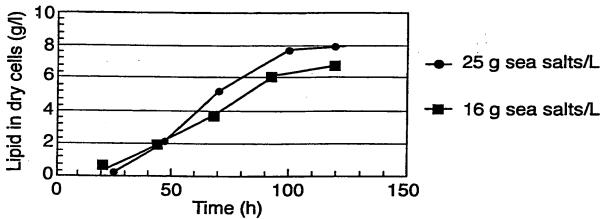
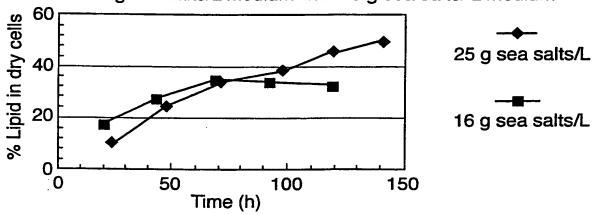


Fig.9.

Comparison of the lipid production of C. cohnii ATC 30772 on 25 g sea salts/L medium with 16 g sea salts/ L medium



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Fig.11.

Lipid production of *C. cohnii* ATCC 30772 on various sodium acetate concentrations

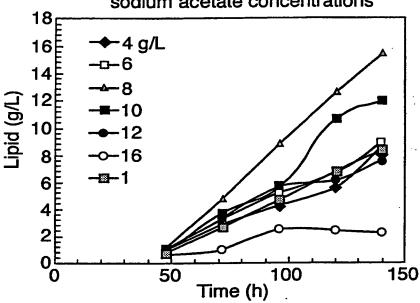
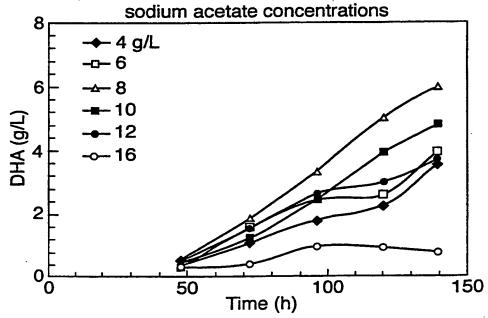


Fig.12.

DHA production of C. cohnii ATCC 30772 on various



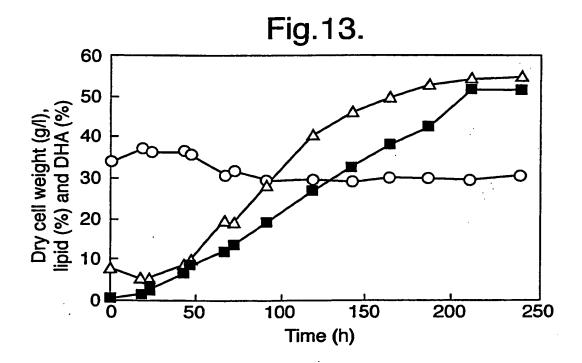
ACID
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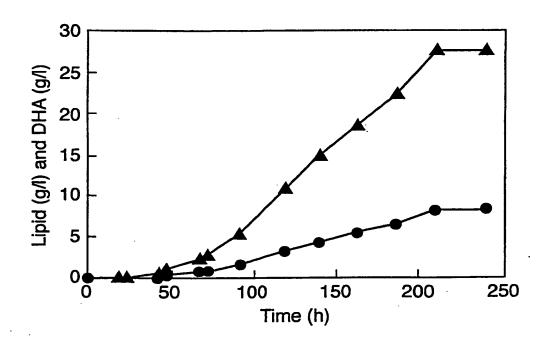
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C. cohnii cultivated in a IL fermenter on 8.0 g/l NaAc, 10 g/l yeast extract,
25 g/l sea salt and as feed 50% (w/v) acetic acid added via the pH control system. The dry cell weight in g/l (■), lipid percentage of the cells (lipid in %) (△), DHA percentage of the lipid (DHA in %) (○), total lipid (Lipid in g/l) (▲) and DHA in g/l () are indicated.